

What is claimed is:

- 1 1. A method comprising:
2 detecting a failure in a request for a file made by a
3 program running on a device; and
4 initiating a repair mechanism that is configured to
5 repair the failure.
- 1 2. The method of claim 1 further comprising monitoring
2 for a failure in a request for a file made by the program
3 running on the device.
- 1 3. The method of claim 2 further comprising
2 automatically performing the monitoring throughout the running
3 of the program on the device.
- 1 4. The method of claim 1 further comprising configuring
2 the device to perform the detecting from a location remote
3 from the device.
- 1 5. The method of claim 1 further comprising repairing
2 the failure with the repair mechanism.
- 1 6. The method of claim 1 further comprising restarting
2 the program after the repair mechanism repairs the failure.
- 1 7. The method of claim 1 in which a user of the device
2 can determine the repair mechanism.

1 8. The method of claim 1 in which a user of the device
2 can initiate the repair mechanism.

1 9. The method of claim 1 further comprising searching a
2 collection of data including a plurality of repair mechanisms
3 and a plurality of programs associated with each of the
4 plurality of repair mechanisms for a repair mechanism that is
5 configured to repair the program.

1 10. The method of claim 1 further comprising notifying a
2 location remote from the device whether the repair mechanism
3 successfully repaired the failure.

1 11. The method of claim 1 further comprising recording
2 the detected failure in a collection of data at a location
3 remote from the device.

1 12. The method of claim 1 further comprising configuring
2 a collection of data at a location remote from the device to
3 include a plurality of repair mechanisms and a plurality of
4 programs, each of the plurality of programs associated with a
5 repair mechanism included in the plurality of repair
6 mechanisms.

1 13. The method of claim 12 further comprising
2 transmitting the collection of data to the device.

1 14. An article comprising:
2 a machine-readable medium which contains
3 machine-executable instructions, the instructions causing a
4 machine to:
5 detect a failure in a request for a file made by a
6 program running on a device; and
7 initiate a repair mechanism to repair the failure.

1 15. The article of claim 14 further causing a machine to
2 monitor for a failure in a request for a file made by the
3 program running on the device.

1 16. The article of claim 15 further causing a machine to
2 automatically perform the monitoring throughout the running of
3 the program on the device.

1 17. The article of claim 14 further causing a machine to
2 configure the device to perform the detecting from a device at
3 a location remote from the device.

1 18. The article of claim 14 further causing a machine to
2 repair the failure with the repair mechanism.

1 19. The article of claim 14 further causing a machine to
2 restart the program after the repair mechanism repairs the
3 failure.

1 20. The article of claim 14 further causing a machine to
2 search a collection of data including a plurality of repair
3 mechanisms and a plurality of programs associated with each of
4 the plurality of repair mechanisms for a repair mechanism that
5 is configured to repair the program.

1 21. The article of claim 14 further causing a machine to
2 notify a location remote from the device whether the repair
3 mechanism successfully repaired the detected failure.

1 22. The article of claim 14 further causing a machine to
2 record the failure in a collection of data at a location
3 remote from the device.

1 23. A system comprising:
2 a first device configured to run a program;
3 a mechanism included in the first device and configured
4 to detect a failure in a request for a file made by the
5 program and to initiate a repair mechanism configured to
6 repair the failure;
7 a second device configured to configure the mechanism and
8 to provide the mechanism to the first device; and
9 a third device configured to track failures detected by
10 the mechanism.

1 24. The system of claim 23 in which the mechanism is
2 also configured to search a collection of data including a
3 plurality of repair mechanisms and a plurality of programs
4 associated with each of the plurality of repair mechanisms for
5 a repair mechanism that is configured to repair the program.

1 25. The system of claim 24 in which the second device is
2 also configured to configure the collection of data and to
3 provide the collection of data to the first device.

1 26. The system of claim 23 in which the second device is
2 at a location remote from the first device.

1 27. The system of claim 23 in which the third device is
2 at a location remote from the first device.

1 28. The system of claim 23 in which the mechanism is
2 also configured to perform the repair with the repair
3 mechanism.

1 29. The system of claim 23 in which the mechanism is
2 also configured to monitor for a failure in a request for a
3 file made by the program.

1 30. The system of claim 23 in which the third device is
2 also configured to notify the second device of the failure.